

10/540494

JCO Rec'd PCT/PTO 43 JUN 2005

Docket No.: 63628 (46342)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Chieko Kitada et al.

Application No.: Not Yet Assigned

Confirmation No.: N/A

Filed: Concurrently Herewith

Art Unit: N/A

For: METASTIN DERIVATIVES AND USE
THEREOF

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

A summary/abstract translation of the non-English language references is enclosed.

A copy of each reference on the PTO/SB/08 is attached.

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A concise explanation of relevance of the items listed on form PTO/SB/08 is in the form of an English language copy of a Search Report from a foreign patent office, issued in a counterpart application, which refers to the relevant portions of the references.

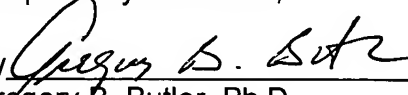
In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Please charge our Deposit Account No. 04-1105 in the amount of \$4,440.00 covering the fees set forth in 37 CFR 1.492(a), 1.492(c)(2), 1.492(b)(3), 1.492(h), 1.492(e), 1.492(d), and 1.492(f). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 63628 (46342). A duplicate copy of this paper is enclosed.

Dated: June 23, 2005

Respectfully submitted,

By 
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Attorneys/Agents For Applicant

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Application No. (if known): 10/540,494

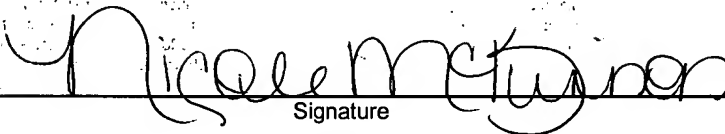
Attorney Docket No.: 63628 (46342)

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JC08 PCT/PTO 23 JUN 2005

PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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| Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | Not Yet Assigned |
| | | | | Filing Date | Concurrently Herewith |
| | | | | First Named Inventor | Chieko Kitada |
| | | | | Art Unit | N/A |
| | | | | Examiner Name | Not Yet Assigned |
| Sheet | 1 | of | 1 | Attorney Docket Number | 63628 (46342) |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | AA | US-6,800,611 | 10-05-2004 | Nobutaka Fuji, et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ² |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | MM-DD-YYYY | | | |
| | BA | WO-00/24890 | 05-04-2000 | | | ✓ |
| | BB | WO-01/44469-A1 | 06-21-2001 | | | ✓ |
| | BC | WO-01/75104 | 10-11-2001 | | | ✓ |
| | BD | WO-02/085399-A1 | 10-31-2002 | | | ✓ |
| | BE | WO-02-092829-A1 | 11-21-2002 | | | ✓ |
| | BF | WO-03/027149-A1 | 04-03-2003 | | | ✓ |
| | BG | WO-03/060125-A1 | 07-24-2003 | | | ✓ |
| | BH | WO-2004/080749-A2 | 09-23-2004 | | | ✓ |
| | BI | WO-98/39448 | 09-11-1998 | | | ✓ |

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| NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | CA | Sang-Kyou Han, et al.; <i>Orphan G protein-coupled receptors MrgA1 and MrgC11 are distinctively activated by RF-amide-related peptides through the Gαq/11 pathway</i> ; PNAS; Vol. 99; No. 23; November 12, 2000; pps. 14740-14745 | ✓ |
| | CB | Matthew D. Ringel, et al. <i>"Metastin receptor is overexpressed in Papillary Thyroid Cancer and Activates MAP Kinase in Thyroid Cancer Cells"</i> ; The Journal of Clinical Endocrinology & Metabolism; 87(5); pps. 2399-2402 | ✓ |
| | CC | Masato Kotsani, et al.; <i>"The Metastasis Suppressor Gene KiSS-1 Encodes Kisspeptins, the Natural Ligands of the Orphan G Protein-coupled Receptor GPR54"</i> ; The Journal of Biological Chemistry; Vol 276; No. 37; September 14, 2001; pp. 34631-34636 | ✓ |
| | CD | The gist of speech of the 53th Pharmaceutical Society of Japan, 2003, Organic 2,m B-13-2, pp. 68. | ✓ |

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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
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